CREATING INSIGHT FOR SUCCESSFUL ENERGY TRANSITION

Energy is the pivot of global prosperity and wellbeing. Societies depend upon access to reliable, affordable, secure and sustainable energy. Energy systems are changing fast, shaped by many factors and diverse actors.

Energy transition is nothing new. However, today’s challenges of managing a successful and global energy transition are unprecedented. Energy is not just a sector: energy developments impact and are impacted by developments in some of the most significant systems around the globe: power, transport, industry, food, buildings. At the same time, the accelerating pace of technological innovation and convergence brings new challenges and opportunities.

TRANSITION LEADERSHIP TOOLKIT

In the drive to impact, the World Energy Council has developed five transition tools to help them to define, better manage and collaborate effectively on successful energy transitions.

These five tools – which can be used individually or in combination – enable the development of new, timely and actionable insights. The flexibility of the toolkit recognises there are different starting points and a no ‘one size fits all’ approach to a successful transition. The tools can be used to support interventions on a global, regional, national, sectoral, and/or cross-sectoral basis.
The tools available include:

- **World Energy Issues Monitor**: reality check – global, regional, national energy leaders’ perspectives on the key challenges
- **Energy Policy Trilemma**: policy pathfinding to manage security, equity and sustainability through transition
- **World Energy Scenarios**: a tool for bigger picture thinking, revealing deeper assumptions and reframing choices and options
- **Dynamic Resilience**: better prepare firms for new shocks and stresses and adapt whole systems to emerging and systemic risks
- **Innovation Insights**: deeper into disruptive dynamics and moving transition innovation from the margins to mainstream

The World Energy Council’s Energy Transition **Toolkit User Guide** is designed to serve three functions:

1. Explain the purpose of the Energy Transition Toolkit
2. Introduce the five tools
3. Offer ideas for using the tools

This practical user guide is divided into four clear sections.

1. **The Energy Transition Toolkit**: It presents why a toolkit is needed to face the challenges, now and into the future. Crucially, it explains the purpose of the toolkit and the desired objectives towards global, sustainable energy transition.

2. **The Five Tools and How to Use Them**: What challenge do they aim to combat? How were the tools created, by who and based on what research? Significantly, they explain how they can be used, practically, to best effect. They also address the next steps in the process.

3. **The Tools in Action**: The World Energy Councils tools are designed to be used for pragmatic action towards global energy sustainability. Every situation, dependent on aspects including geography, market forces or socio-political
impacts, is different. Therefore, the Council explains how the tools can be **customised appropriately.**

4. **A Toolkit Template:** Finally, the guide presents a check-list and summary of actionable steps to ensure best engagement. The Template sets out effective steps for strategic collaboration.

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**ABOUT THE WORLD ENERGY COUNCIL**

The World Energy Council is a member-based organization with the goal to **promote the sustainable supply and use of energy for the greatest benefit of all people.** Since 1923, the World Energy Council has been engaging energy leaders throughout the world to meet whole energy system challenges.

We define, enable and accelerate successful energy transitions while maintaining a technology and resource neutral global perspective and through the widespread use of a flexible Transition Leadership Toolkit, insight, interactive events and dynamic platforms to delivery strategic moments of impact.

The Council has embarked on a journey with a fresh focus on collaborative innovation, which is not only about new technologies, but requires system-wide collaboration to unlock exponential growth opportunities and successfully managed energy transitions at all scales.

We are a global energy transition platform, pulling together the different parts of intelligent leadership, we catalyse smart and informed dialogue. Most of all, we try and curate new experiences which are fundamental to having the practical knowledge to actually move the needle on secure, affordable and inclusive energy transition.